

PATENT ABSTRACTS OF JAPAN

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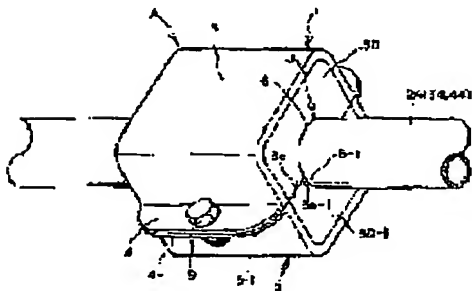
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(54) TREATMENT DEVICE FOR INJURIOUS MATERIAL CONTAINED IN EXHAUST GAS

(57)Abstract:

PROBLEM TO BE SOLVED: To reduce injurious materials such as carbon monoxide (CO) and hydrocarbons(HC) contained in an exhaust gas and also enhance fuel consumption rate, by performing the magnetic treatment of a fuel oil smoothly.

SOLUTION: This treatment device has a pair of permanent magnets which form a magnetic field in an orthogonal direction with the flow of a fuel oil. In addition, the device is constituted of one magnetic treatment body 1 consisting of a magnet holding case 3 in which one permanent magnet is stored and another magnetic treatment body 2 consisting of a magnet holding case 3-1 in which another permanent magnet is stored, connected to the one magnetic



treatment body 1 by magnetic attraction at the joints 3a, 3a-1 of the cases 3, 3-1. In this case, a hose fitting part J which fits a fuel hose 24 into the joints 3a, 3a-1 between the magnet holding cases 3, 3-1 is provided. The magnet holding cases 3, 3-1 which are magnetically attracted to each other between the joints 3a, 3a-1 are made to serve as a part of a magnetic circuit.